

## Faculty of Economic, Social and Political Sciences



### ECON2M Maîtrise en sciences économiques ("Maîtrise" in Economic Sciences)



#### Programme management

ECON Département des sciences économiques

**Coordinateur :** Marthe Nyssens (2<sup>ème</sup> année)

**Coordinateur :** Marthe Nyssens (3<sup>ème</sup> année)

*For the 1st year coordinator c.f. ECON21*

#### Study objectives

The principal objective is to offer the students a second cycle of university studies in Economics, designed so as to maximise their preparation for their career in economics by offering a diploma with a wide range of flexibility in terms of programme choice.

This "maîtrise" programme enables the student to :

- (i) complete his studies by means of a certain number of courses chosen from outside the list of ECON courses, possibly concentrated around a particular subject, in the context of a specific training project.
- (ii) participate in an apprenticeship in a professional centre, on which the thesis can be based.
- (iii) dedicate the whole of his second year to a study year abroad in a foreign university.

#### Admission conditions

**The first year of the "maîtrise" programme coincides with the first year in Economic Sciences (ECON 21)** . As a consequence, the access conditions relating to the "licence" programme equally apply to the "maîtrise". In particular, the "maîtrise" is accessible to all students holding a Belgian "candidature" diploma in Economic Sciences and Management. The students will choose between the "licence" programme in two years and the "maîtrise" in three years, after having passed the first year of the "licence" programme. There are no access condition in terms of diploma.

#### Admission procedure

The regular conditions and admission procedures are detailed on the web page "Access to studies":

<http://www.ucl.ac.be/etudes/libres/acces.html>

#### Programme content

### ECON 21 First year of studies

The first year programme evolves on four levels, without any options.

- basic studies in microeconomics, macroeconomics and econometrics,
- two courses in specific domains,
- an English course
- two theme-based workshops

#### 1. Foundation studies (36 credits)

<u>ECON2115</u>	Micro-economics[60h+30h] (12 credits) (in French)	Jacques-François Thisse
<u>ECON2125</u>	Macro-economics[60h+30h] (12 credits) 1+2q (in French)	David De la Croix, Frédéric Docquier
<u>ECGE1316</u>	Econometrics[20h+15h] (3 credits) (in French)	Luc Bauwens, Christian Hafner (supplée Luc Bauwens)
<u>ECGE1326</u>	Applied Econometrics[22.5h] (3 credits) (in French)	Fatemeh Shadman Valavi

*The subjects of these courses are spread over the two quadrimesters.*

#### 2. Specific studies (12 credits)

<u>ECGE1313</u>	European Economics[30h] (4 credits) (in English)	Hylke Vandenbussche
<u>ECGE1312</u>	Public Economics[30h] (3 credits) (in French)	Jean Hindriks

*These studies include the supervised reading of a given work (or part of one) or articles, which are not covered in the strict*

sense of the word during the lectures but rather "commented on" here. Study of these texts is therefore complementary to the lectures. The 15 hours of exercises scheduled for these studies, help with the assimilation and discussion of those texts. This time, therefore, does not constitute "review" but rather hours of group work. A personal succinct report is required and part of the final marks is especially reserved for the evaluation of these complementary readings.

### 3. English course (4 credits)

ANGL2430 English: Interactive communication[30h] (3 credits)1q Claudine Grommersch, Philippe Neyt

### 4. Workshops (8 credits)

ECON2198 Workshop 1[30h] (4 credits)1q (in French) Bernard Hanin, Francis Martin, Daniel Weiserbs

ECON2199 Workshop II[30h] (4 credits)2q (in French) N.

These workshops confront the students with specific questions or topics, with the aim of helping them to read, summarise, analyse, present and write. These workshops therefore constitute the preparation for the thesis.

Those students who wish to anticipate lightening their second year programme have the possibility of adding one of the two reflexive courses offered in the second year to their first year programme.

## ECON 22M Second year of studies

Students who so wish, may spend this study year in one of the foreign universities with whom the Department organises exchanges, especially in the context of the Erasmus-Socrates exchange. The selection tests take place during the courses of the 2nd quadrimester of the 1st year. Information can be obtained via Mrs Lavry.

The second year of the "maîtrise" studies includes :

- two courses,
- one "historical" oriented course,
- one "reflective" oriented course,
- six options,
- a seminar
- a preparation seminar for the thesis.

Right from the beginning of the second year, the student must submit a **training project** established in accordance with a tutor-member of the Department. This training project may include a certain number of non-ECON subjects, *on condition these do not surpass 6 course subjects*. (180 hours) spread over the second last two years. These courses may possibly be concentrated in a 'neighbouring' discipline, especially in Management, Law, Sociology, Rural Economy, Development, Statistical Analysis, operational research or Computer Studies. In the case of subjects disciplines covering numerous domains, such as management or Law, the project must then be concentrated on a *special theme, e.g.*: marketing or Economic Law. If the programme proposed necessitates the intervention of several courses from the same department, it needs to be approved by the department concerned in order to guarantee the assurance of the coherence of the programme and the capacity of the student to successfully accomplish the courses proposed.

### 1. Compulsory courses (12 credits)

ECON2207 Labour economics[30h+15h] (6 credits)1q (in French) Bart Cockx, Bruno Van der Linden

ECON2208 International Trade[30h+15h] (6 credits)2q (in French) Philippe Monfort

These studies each comprise 30 hours of lectures as well as 15 hours of practical exercises, designed to cover the complementary readings.

### 2. Historical and Reflective courses (8 credits)

The student will choose a "historical" orientated course from among the following subjects :

ECON2251 History of Economic Theories[30h] (4 credits)2q (in French) Michel De Vroey

ECON2252 History of Economic and Social Development[30h] (4 credits)2q (in French) Isabelle Cassiers

The student will choose a "reflective" orientated course from among the following subjects :

ECON2253 Philosophy and epistemology of economic science[30h] (4 credits)2q (in French) Christian Arnsperger

ECON2254 Economic and Social Ethics[30h] (4 credits)1q (in French) Philippe Van Parijs

### 3. Courses according to choice (24 credits)

The student will choose six options . In addition to the 2nd cycle courses listed below, the student may choose other subjects in the context of his training project .

ECON2231 International monetary relations[30h] (4 credits) (in French) Bernard Delbecque


ECON2232 Economics and industrial policies[30h] (4 credits)2q (in French) Elisabeth Van Hecke

ECON2233 Economics of education[30h] (4 credits)1q (in French) Vincent Vandenberghe

ECON2234 Growth and economic structures in Belgium[30h] (4 credits)2q (in French) Luc Denayer (supplée null)

ECON2235 Non-commercial economics[30h] (4 credits)1q (in French) Marthe Nyssens

ECON2236 Economics of health[30h] (4 credits)2q (in French) Marie-Christine Closon

<u>ECON2237</u>	Applied macro-economics[30h] (4 credits)  (in French)	Daniel Weiserbs
<u>ECON2238</u>	Financial economics[30h] (4 credits)1q (in French)	Pierre Giot
<u>ECON2240</u>	Economy of the public sector[30h] (4 credits) (in French)	Bart Cockx, Jean Hindriks
<u>ECON2243</u>	Game and Information Theory[30h] (4 credits)1q (in French)	Hylke Vandenbussche
<u>ECON2244</u>	General Equilibrium Theory[30h] (4 credits)1q (in French)	François Maniquet
<u>ECON2245</u>	Econometrics[30h+15h] (4 credits)2q (in French)	Luc Bauwens
<u>ECON2249</u>	Regional Economics[30h] (4 credits)1q (in French)	Jacques-François Thisse
<u>ESPO2103</u>	Environnement et économie globale[30h] (5 credits) (in French)	Thierry Bréchet

and one additional course from among the following, taught on other programmes,

<u>BIR1343</u>	Economy of natural resources and the environment[37.5h+7.5h] (3.5 credits)2q (in French)	Frédéric Gaspart
<u>DVLP3120</u>	Development policies[30h] (4 credits) (in French)	Frédéric Lapeyre
<u>EURO3501</u>	Intégration monétaire et financière européenne[30h] (3 credits)2q (in French)	Ivo Maes
<u>QUANT2100</u>	A préciser (in French)	
<u>DPRI3104</u>	Problèmes économiques et financiers de l'assurance[30h] (5 credits)1q (in French)	Christian Jaumain

Students also have the possibility to register on a 3rd cycle study programme course. His tutor will guide him in his choice of programme.


#### 4. Course on Religious Sciences (2 credits)

Students registered for the ECON 22 exam, may include one of the courses on Religious Sciences in their programme, unless they have already followed such a course in their prior studies.

<u>ESPO2201</u>	Issues of religious sciences: Christian faith[15h] (2 credits) (in French)	Jean-François Grégoire (supplée Gabriel Ringlet), Gabriel Ringlet
<u>ESPO2202</u>	Issues of religious sciences: the Bible and its message[15h] (2 credits) (in French)	Jean-Pierre Delville
<u>ESPO2203</u>	Special issues of religious sciences: the Christian ethic[15h] (2 credits) (in French)	Walter Lesch

#### 5. Seminar (4 credits)

The student will choose a seminar in one of the following subjects :

<u>ECON2801</u>	Seminar of public and social economy[30h] (4 credits) (in French)	Jean Hindriks
<u>ECON2802</u>	Seminar of microeconomy[30h] (4 credits) (in French)	Vincent Vannetelbosch
<u>ECON2803</u>	Seminar on macroeconomy[30h] (4 credits) (in French)	Daniel Weiserbs
<u>CIDE2110</u>	Séminaire: droit-économie[30h] (4 credits)  (in French)	Christian Huveneers, Bernard Remiche
<u>ESPO2104</u>	Séminaire de gestion des questions environnementales[30h] (4 credits) (in French)	Thierry Bréchet

#### 6. Preparation seminar for the thesis (10 credits)

<u>ECON2900</u>	Séminaire de préparation au mémoire[10h] (10 credits) (in French)	Philippe Monfort
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The preparation seminar for the thesis, groups together all of the students of the second "maîtrise" year, just before the end of the course (beginning of May). The aim is to help the students to present and discuss their thesis projects, on the basis of a mark awarded for the presentation. The latter must indicate that the student is in sufficient control of his project on the levels of the work plan, bibliography and any necessary data. The seminar is equivalent to a 30 hour course.

## ECON 23M Third year of studies

The third "maîtrise" year comprises :

- 8 options,
- a seminar,
- a thesis,
- or
- 6 options,
- an apprenticeship,
- a seminar,
- a thesis.

#### 1. Courses according to choice (24 credits or 32 credits)

The student will choose six options . In addition to the 2nd cycle courses listed below, the student may choose other subjects in the context of his training course project .

<u>ECON2231</u>	International monetary relations[30h] (4 credits) (in French)	Bernard Delbecque
<u>ECON2232</u>	Economics and industrial policies[30h] (4 credits)2q (in French)	Elisabeth Van Hecke
<u>ECON2233</u>	Economics of education[30h] (4 credits)1q (in French)	Vincent Vandenberghe
<u>ECON2234</u>	Growth and economic structures in Belgium[30h] (4 credits)2q (in French)	Luc Denayer (supplée null)
<u>ECON2235</u>	Non-commercial economics[30h] (4 credits)1q (in French)	Marthe Nyssens
<u>ECON2236</u>	Economics of health[30h] (4 credits)2q (in French)	Marie-Christine Closon
<u>ECON2237</u>	Applied macro-economics[30h] (4 credits) ④ (in French)	Daniel Weiserbs
<u>ECON2238</u>	Financial economics[30h] (4 credits)1q (in French)	Pierre Giot
<u>ECON2240</u>	Economy of the public sector[30h] (4 credits) (in French)	Bart Cockx, Jean Hindriks
<u>ECON2243</u>	Game and Information Theory[30h] (4 credits)1q (in French)	Hylke Vandebussche
<u>ECON2244</u>	General Equilibrium Theory[30h] (4 credits)1q (in French)	François Maniquet
<u>ECON2245</u>	Econometrics[30h+15h] (4 credits)2q (in French)	Luc Bauwens
<u>ECON2247</u>	Growth and Development[30h] (4 credits)2q (in French)	Raouf Boucekine
<u>ESPO2103</u>	Environnement et économie globale[30h] (5 credits) (in French)	Thierry Bréchet

The student has the possibility of introducing some 3rd cycle courses into his programme, for a **maximum of two courses** (over the last two years). His tutor will guide him in his choice of programme.

## 2. Apprenticeship (optional) [8 Credits]

Students who opt to participate in an apprenticeship only need to follow 6 courses (possibly including a seminar), with the apprenticeship period counting for the equivalent of 2 courses. The length of this period corresponds to **8 weeks full time** and may be associated with a thesis.

This apprenticeship period may be carried out in the context of a company or administration, possibly in the context of the *Service of Economic Analysis of the IRES*, under the responsibility of a training supervisor (" **maître de stage**") and in relation with a lecturer from the Department, possibly the tutor. This apprenticeship is evaluated on the basis of a written report and the opinion of the "maître de stage".

*N.B.: Summer apprenticeships are not taken into consideration, here, as company and administration activities slow down during this period and these periods also risk seeming more like summer jobs.*

## 3. Seminar (4 Credits)

The student will choose a seminar in one of the following subjects :

<u>ECON2801</u>	Seminar of public and social economy[30h] (4 credits) (in French)	Jean Hindriks
<u>ECON2802</u>	Seminar of microeconomy[30h] (4 credits) (in French)	Vincent Vannetelbosch
<u>ECON2803</u>	Seminar on macroeconomy[30h] (4 credits) (in French)	Daniel Weiserbs
<u>CIDE2110</u>	Séminaire: droit-économie[30h] (4 credits) ④ (in French)	Christian Huveneers, Bernard Remiche
<u>ESPO2104</u>	Séminaire de gestion des questions environnementales[30h] (4 credits) (in French)	Thierry Bréchet

## 4. Thesis (24 credits)

### Evaluation

The courses generally conclude in oral exams and the final mark takes into account the quality of any special pieces of work done by the student. The thesis will be presented orally and defended before a jury. The evaluation of the apprenticeship takes into account the opinion of the "maître de stage" and the apprenticeship organisers.